

Lake District National Park

Forecast valid from 00:00 on Friday 11 Feb 2022 until 23:59 on Saturday 12 Feb 2022

Forecast Issued on Thursday 10 Feb 2022 at 13:31

Confidence: High for bright and chilly weather and showers on Friday and for becoming wetter and milder into the weekend. Lower confidence for timing of rain over the weekend and amounts of rain Sunday.

Headline for Friday 11 Feb 2022: Rather chilly but bright. Sunny in morning but cloudier in afternoon with a few showers and strengthening winds.

Mountain weather hazards on Friday 11 Feb 2022

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Sunny	Light snow showers	Light snow showers	Light snow	Dull	Light snow
Precipitation probability							
00%	00%	00%	30%	30%	40%	10%	30%

Forecast for Friday 11 Feb 2022

Weather: A mostly clear night and then a sunny start, but chilly with a frost. High cloud gradually increasing from west through the day and shower clouds will bubble up in the morning to bring wintry showers. Cloud increasing and lowering in evening to bring snow, but turning to rain below 500m by midnight.

Chance of cloud-free hill tops above 800m: 100% becoming 60% in the morning, but 10% late evening.

Low cloud and visibility: Mainly good visibility, with scattered occasionally broken cloud above 500-700m, but mostly poor at height in evening with cloud layers down to 500-600m, then 400m in west late evening.

Forecast for Friday 11 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	22/27 N	11/14 N	8/11 SW	15/19 S	22/30 S	25/34 SW	30/41 S	38/52 S	38/54 S
600	13/19 N	6/9 NW	6/9 SW	13/18 S	19/27 S	20/30 SW	25/38 S	31/47 S	32/49 S
300	4/17 N	3/9 NW	2/8 SW	4/13 S	7/19 S	10/24 SW	11/29 S	14/37 S	16/41 S
Valley	8/21 N	2/7 N	2/4 SE	3/10 S	8/18 S	12/24 SW	13/29 S	17/34 S	19/38 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-5/-13	-5/-10	-4/-9	-4/-10	-3/-10	-2/-10	-2/-10	-2/-11	-2/-11
600	-3/-9	-3/-7	-3/-6	-2/-8	-1/-7	0/-6	0/-7	0/-8	0/-7
300	-1/-3	-2/-4	-2/-3	-0/-3	2/-2	3/-1	2/-2	3/-2	3/-3
Valley	2/-2	1/-0	0/-1	2/-0	4/2	6/2	5/2	6/1	6/1
Freezing Level*	100m	00m	00m	100m	400m	500m	600m	600m	700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A rather cold day and a frosty start with ice in places. Some chill effect on lower slopes despite quite light winds but a significant chill on the tops, severe chill here in evening with stronger winds and snow. Perhaps some sun glare, but this becoming increasingly limited as high cloud spreads eastwards.

Forecast for Saturday 12 Feb 2022

Weather: Cloudy with snow on the tops and rain at lower levels, but gradually turning to rain at all levels through the night. Then a wet and windy day, with periods of heavy rain and areas of hill fog, though this more patchy over eastern fells. Clearing to showers through the evening with cloud breaking a little, with snow falling on the tops,

Maximum wind: Southwest, but turning westerly in evening, mostly 35-45 gust 50, but 50-60 gust 75mph over higher tops.

Chance of cloud-free hill tops above 800m: 10% in west, perhaps 30% in east, 40% in evening.

Low cloud and visibility: Moderate or poor in rain, but sometimes good beneath cloud in east. Very poor in cloud, with extensive layers above 600m, but cloud down to 400m quite widely over western slopes and occasionally broken above 800m in east.

Temperature: **Valleys:** Plus 5 C rising to plus 7 C.
At 800m: Zero C in early hours, rising to plus 3 C by morning and plus 5 C by afternoon
Freezing level: Rising above the tops by morning, but falling to 800m later.

Ground Conditions Supplement

No recent ground conditions report available.

Issued at: 1331 on Thu 10 Feb 2022